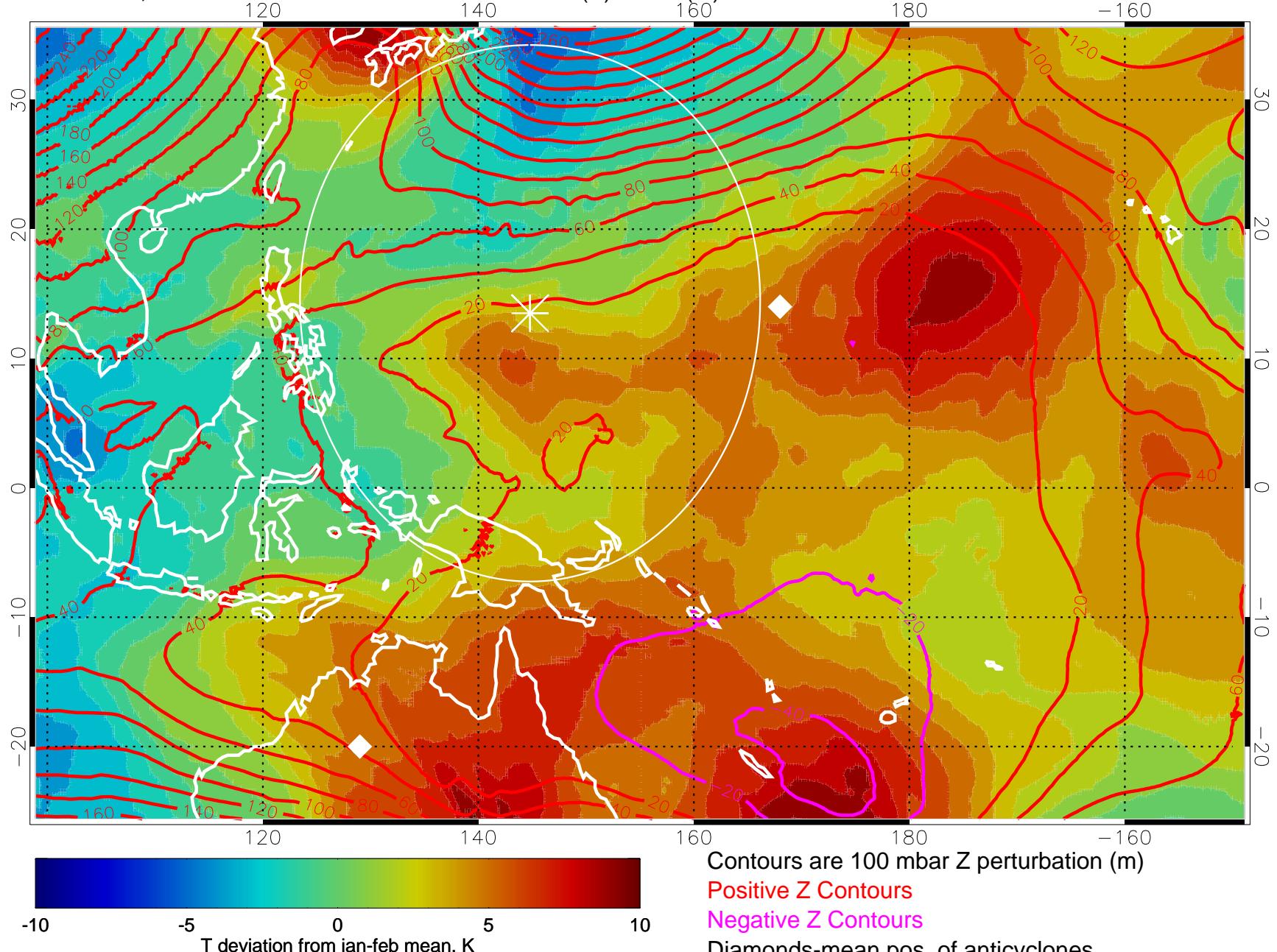
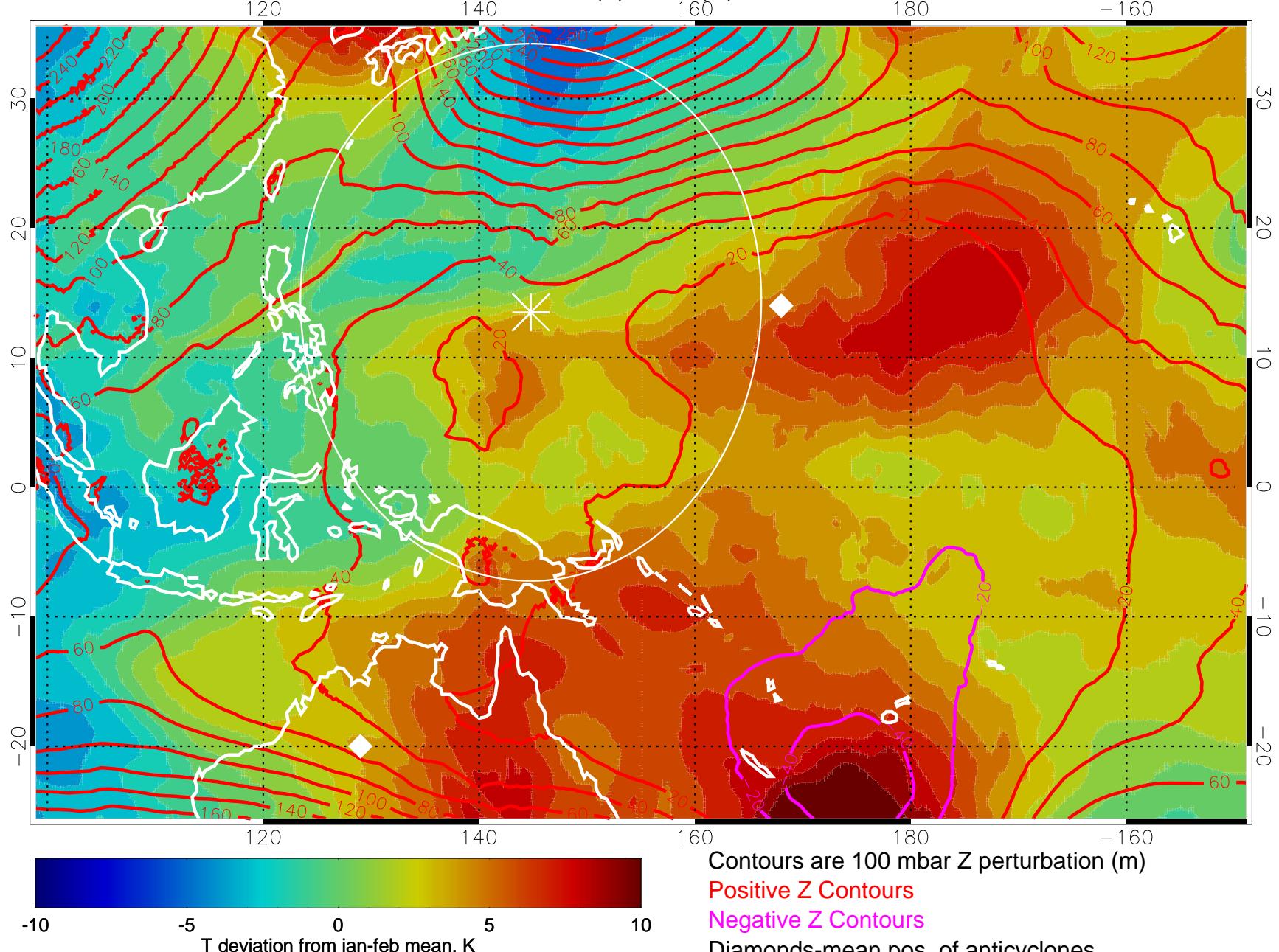


16083006, 6 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

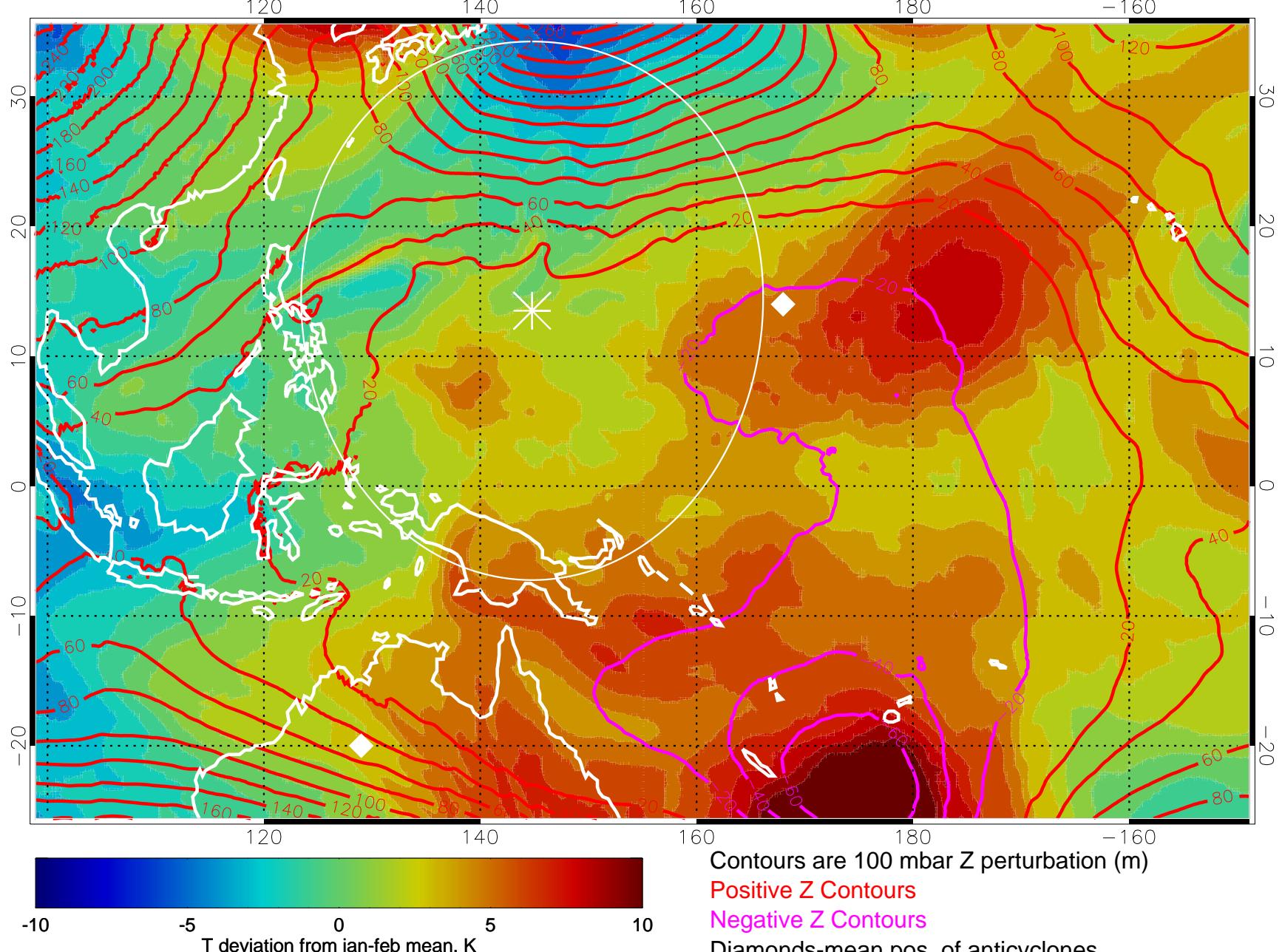


Range ring of 2304 km

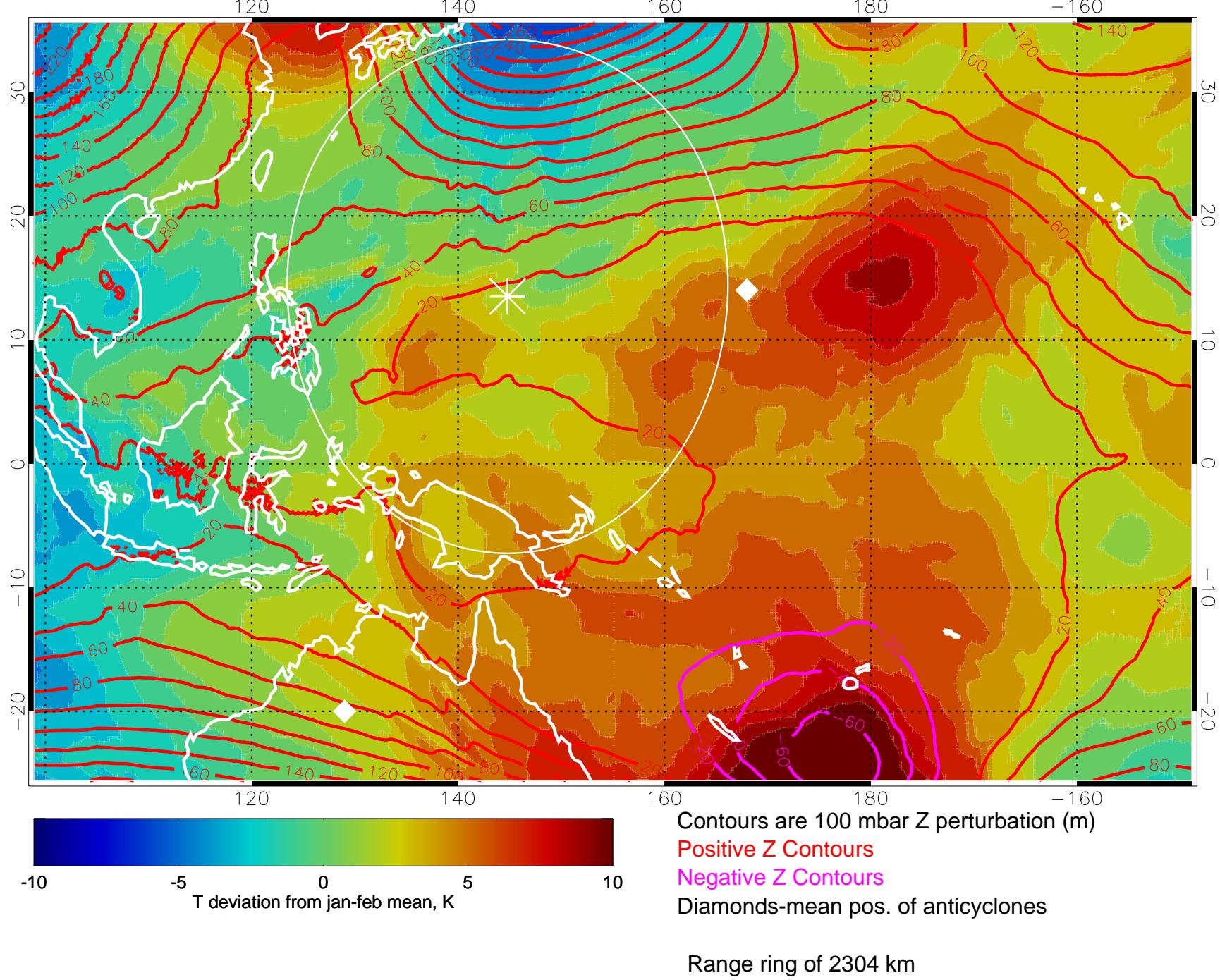
16083012, 12 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



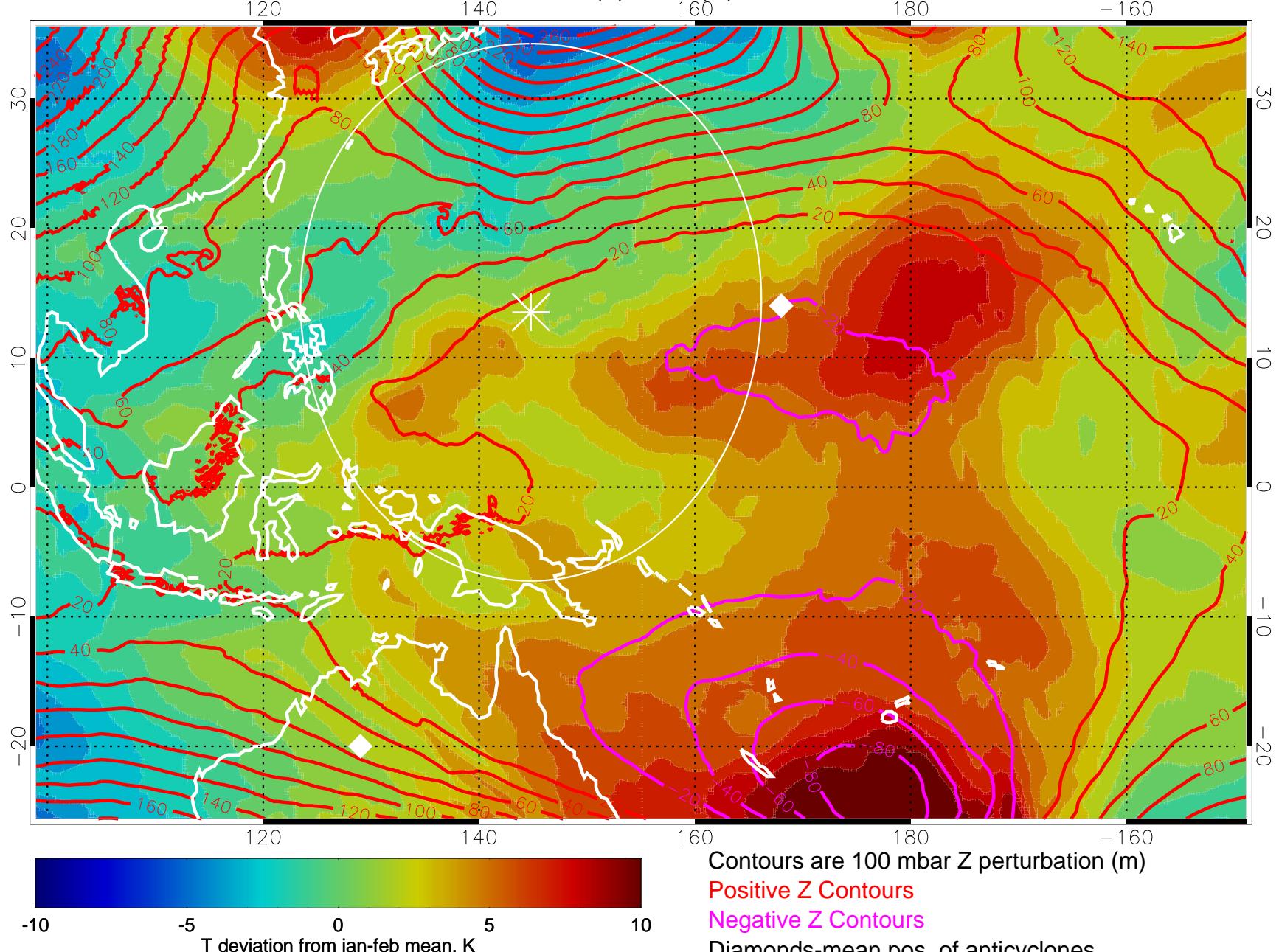
16083018, 18 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



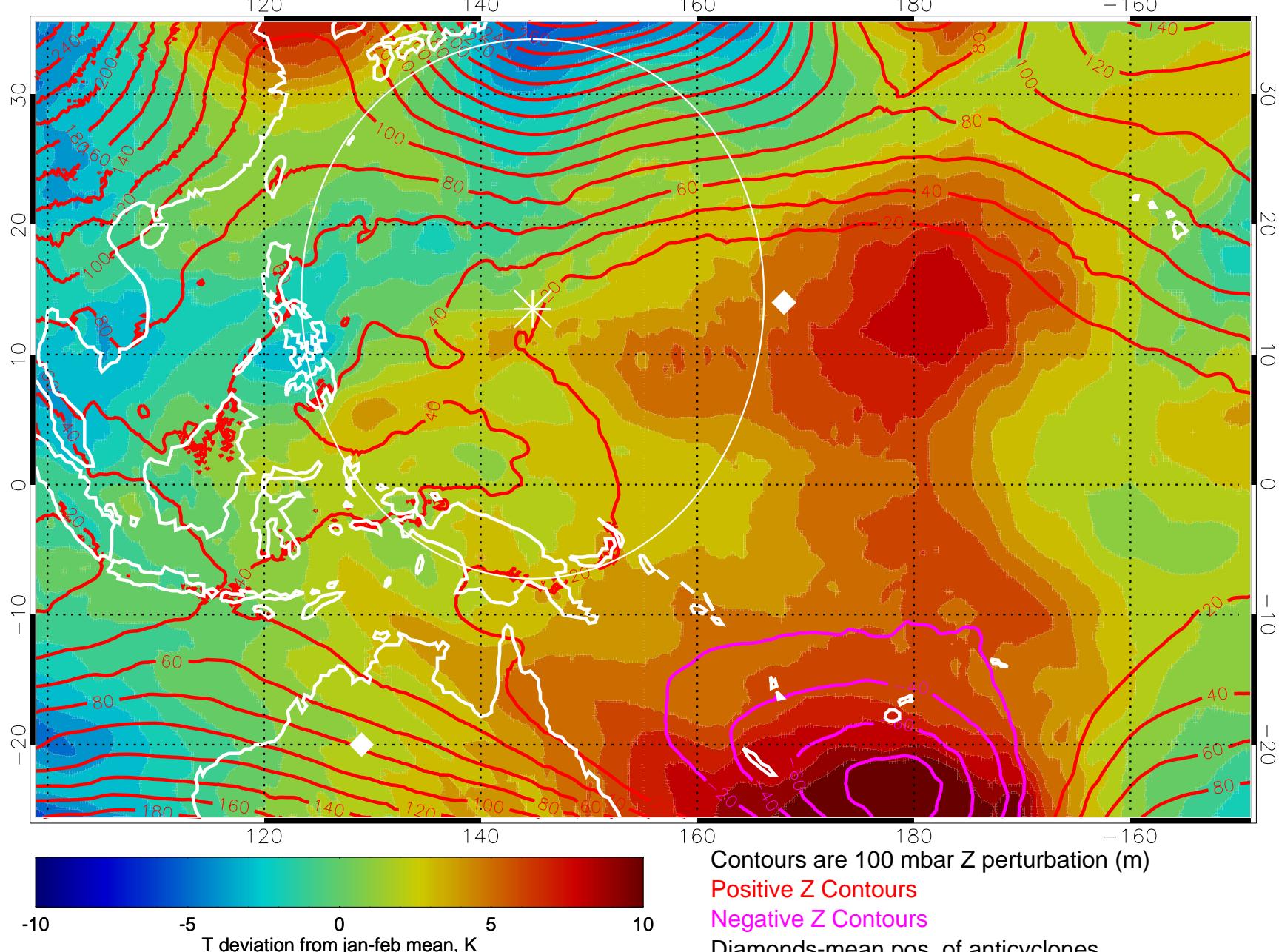
16083100, 24 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



16083106, 30 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

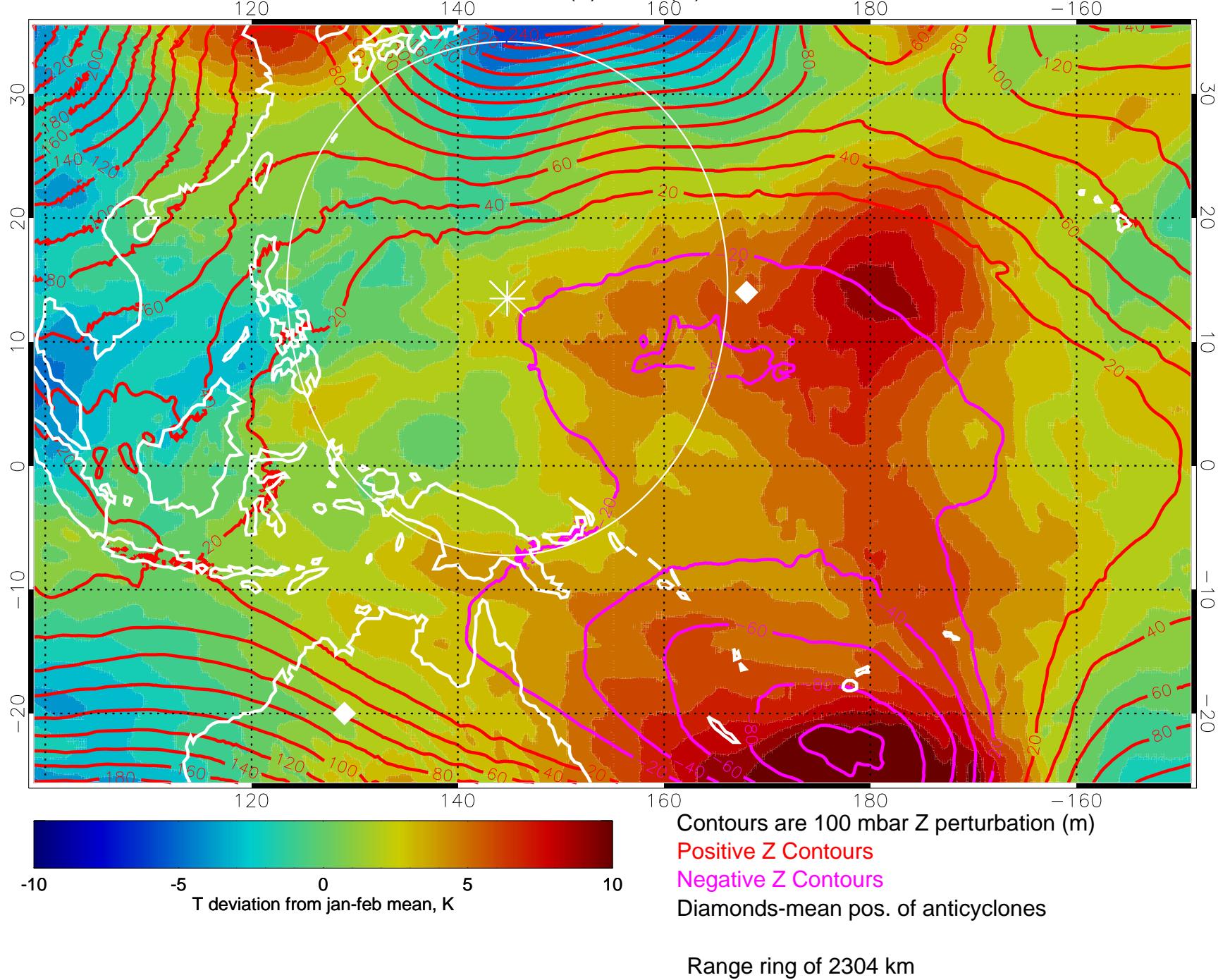


16083112, 36 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

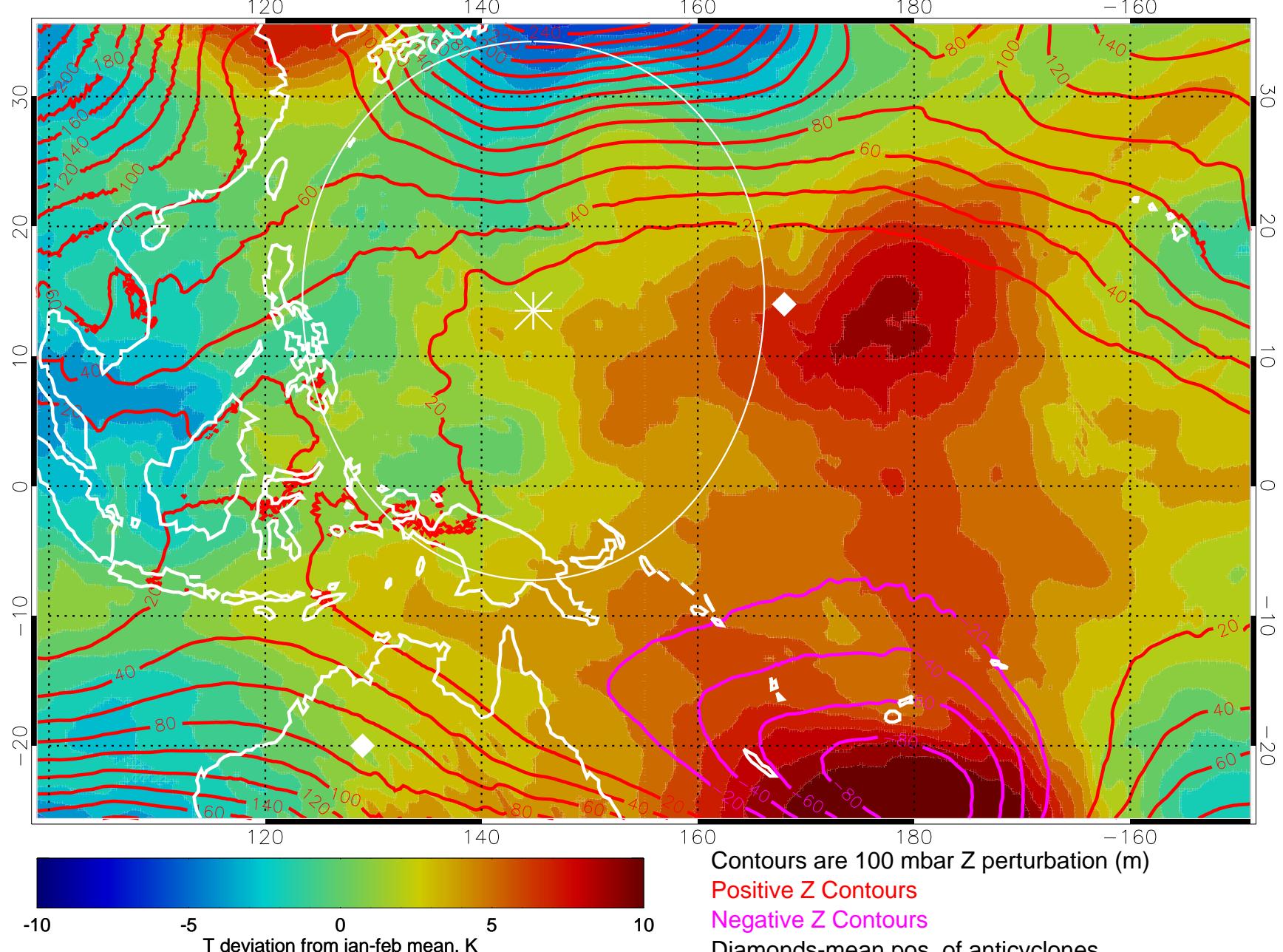


Range ring of 2304 km

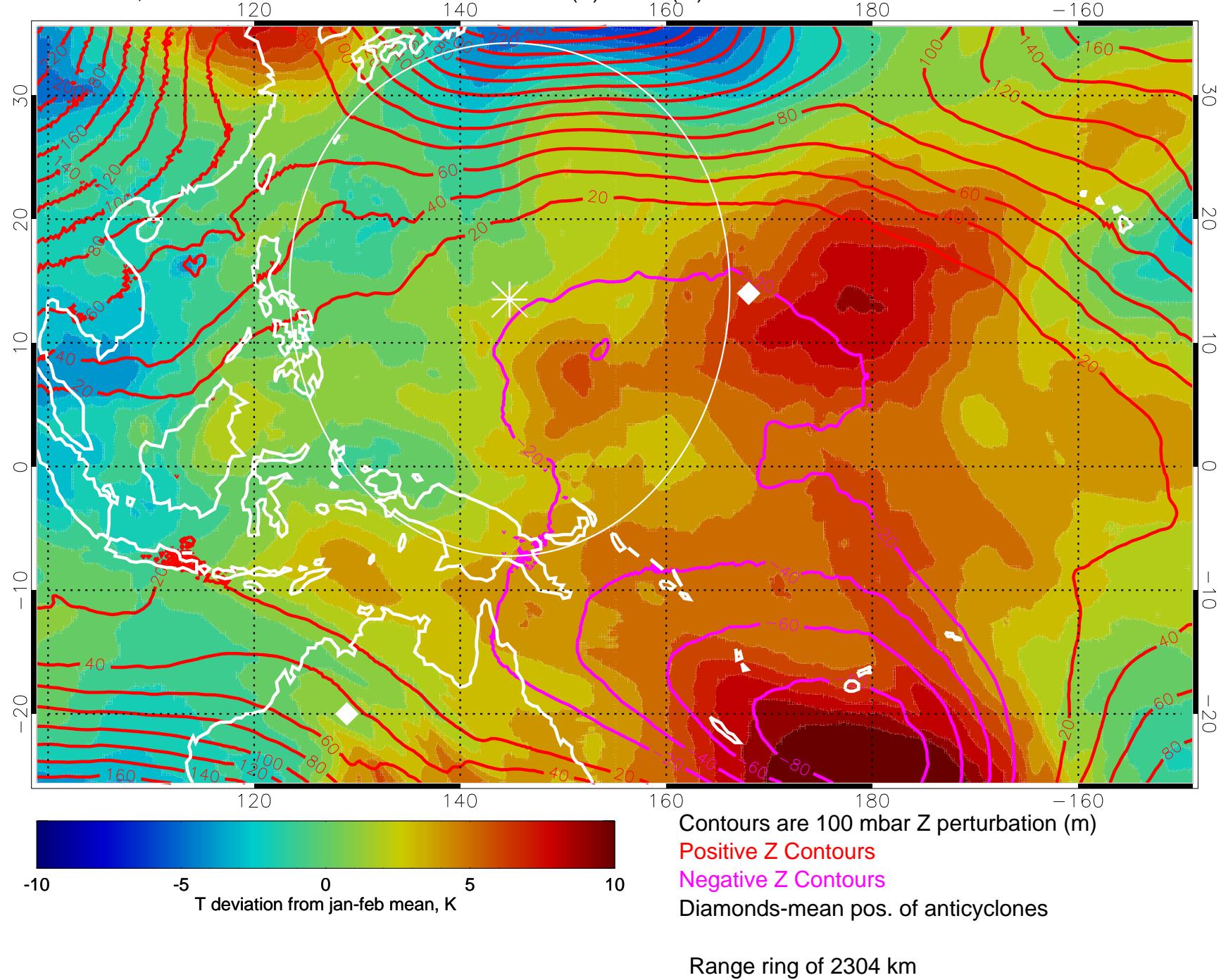
16083118, 42 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



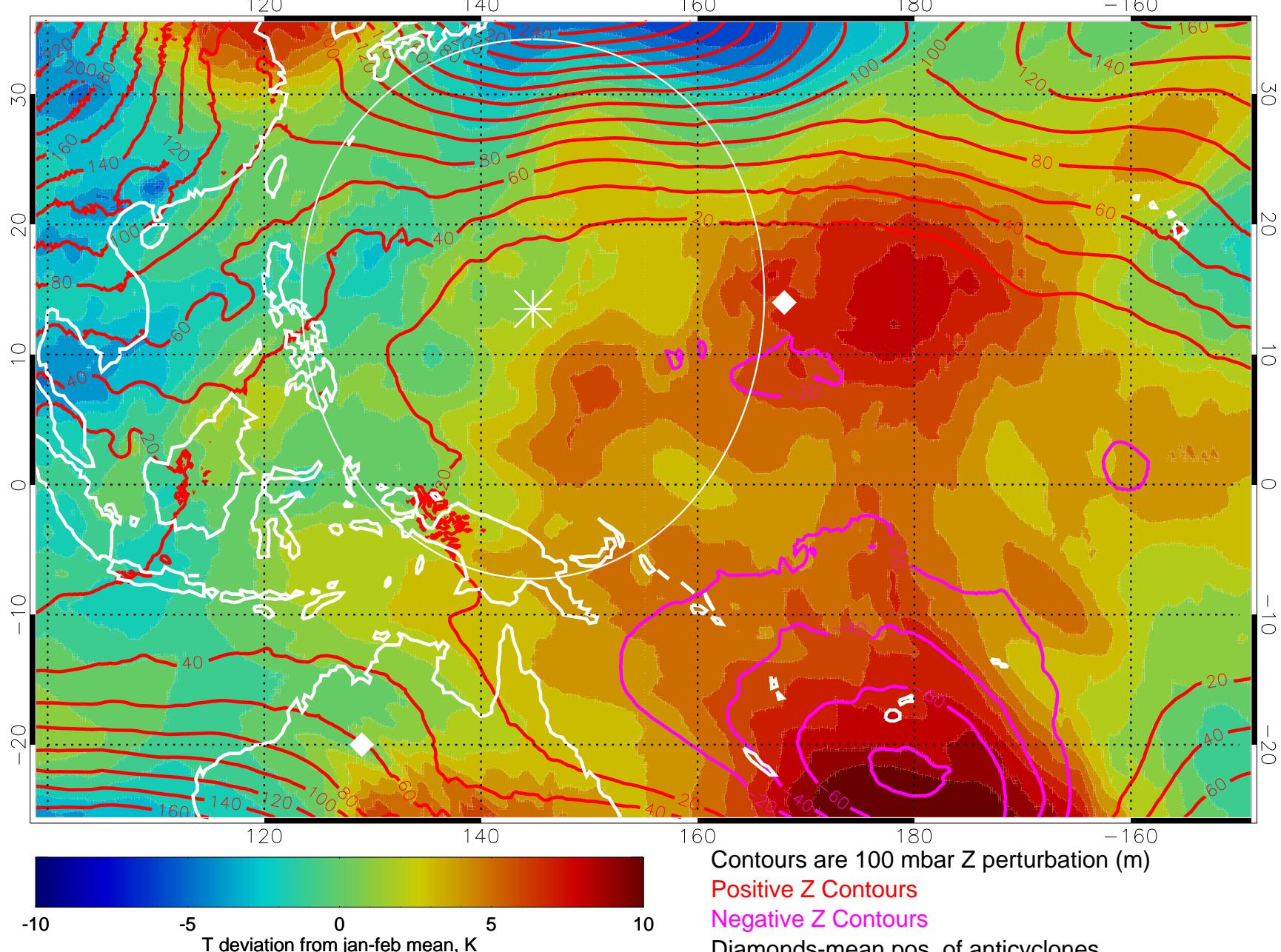
16090100, 48 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



16090106, 54 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

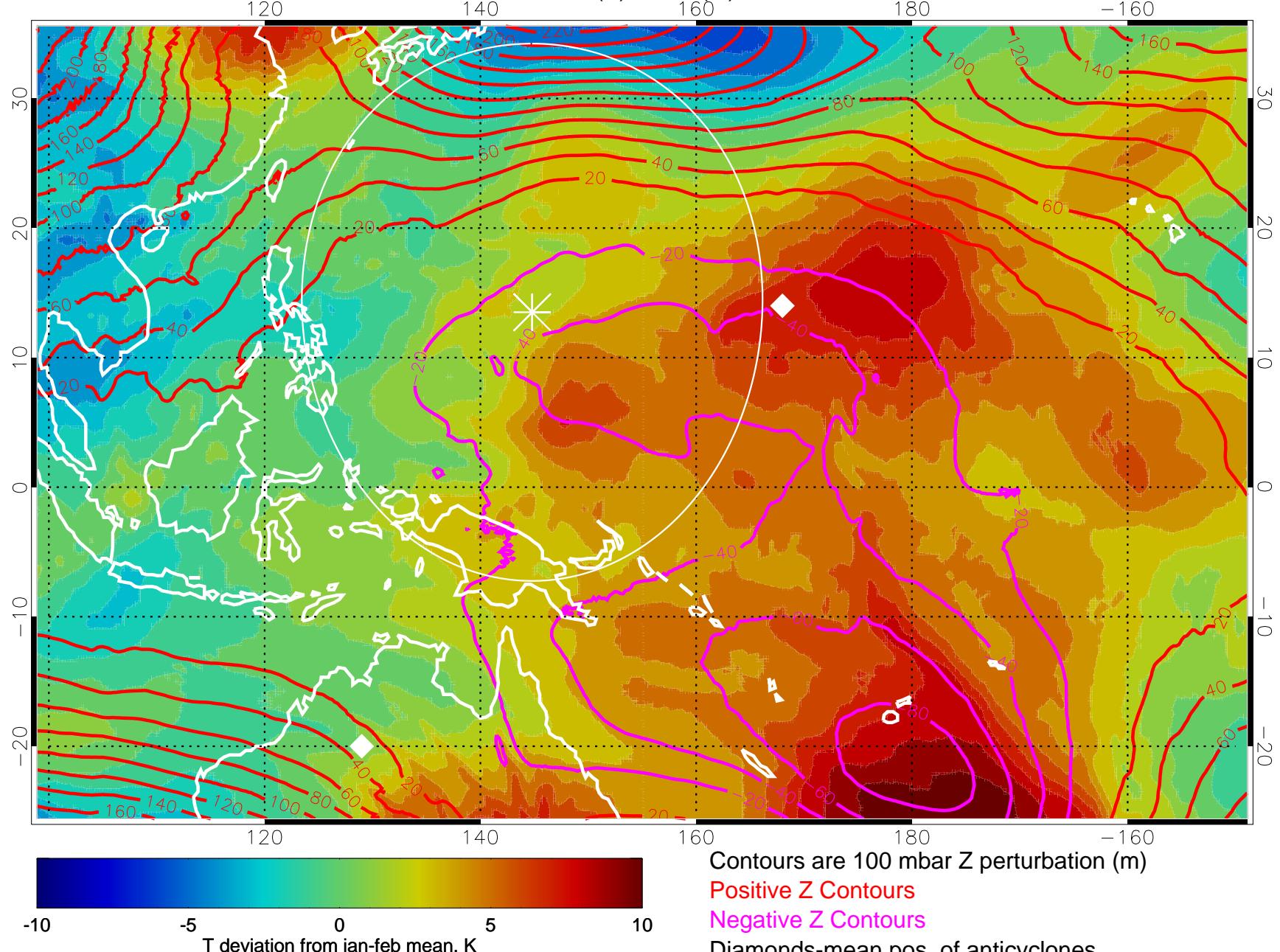


## 16090112, 60 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



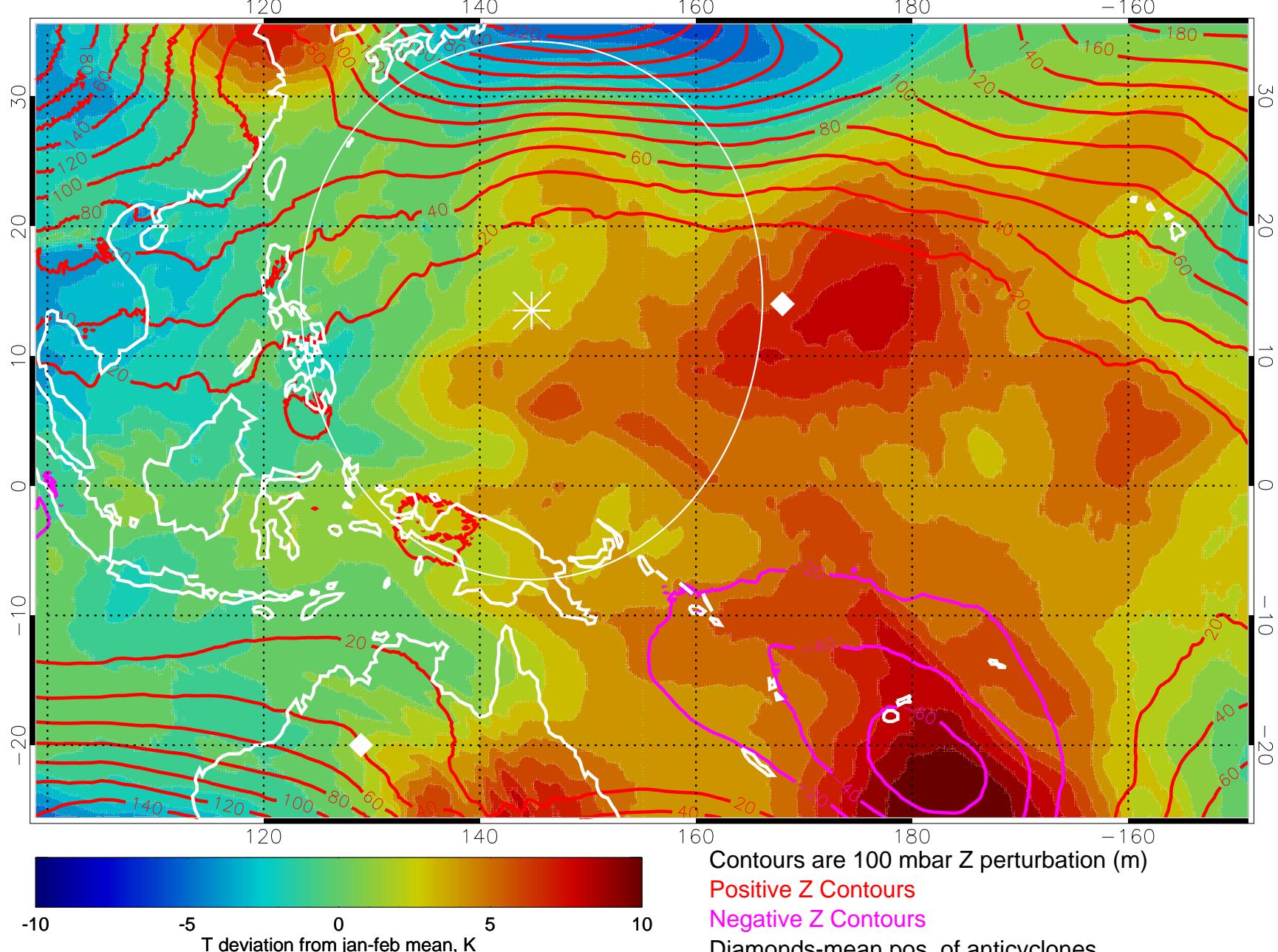
Range ring of 2304 km

16090118, 66 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



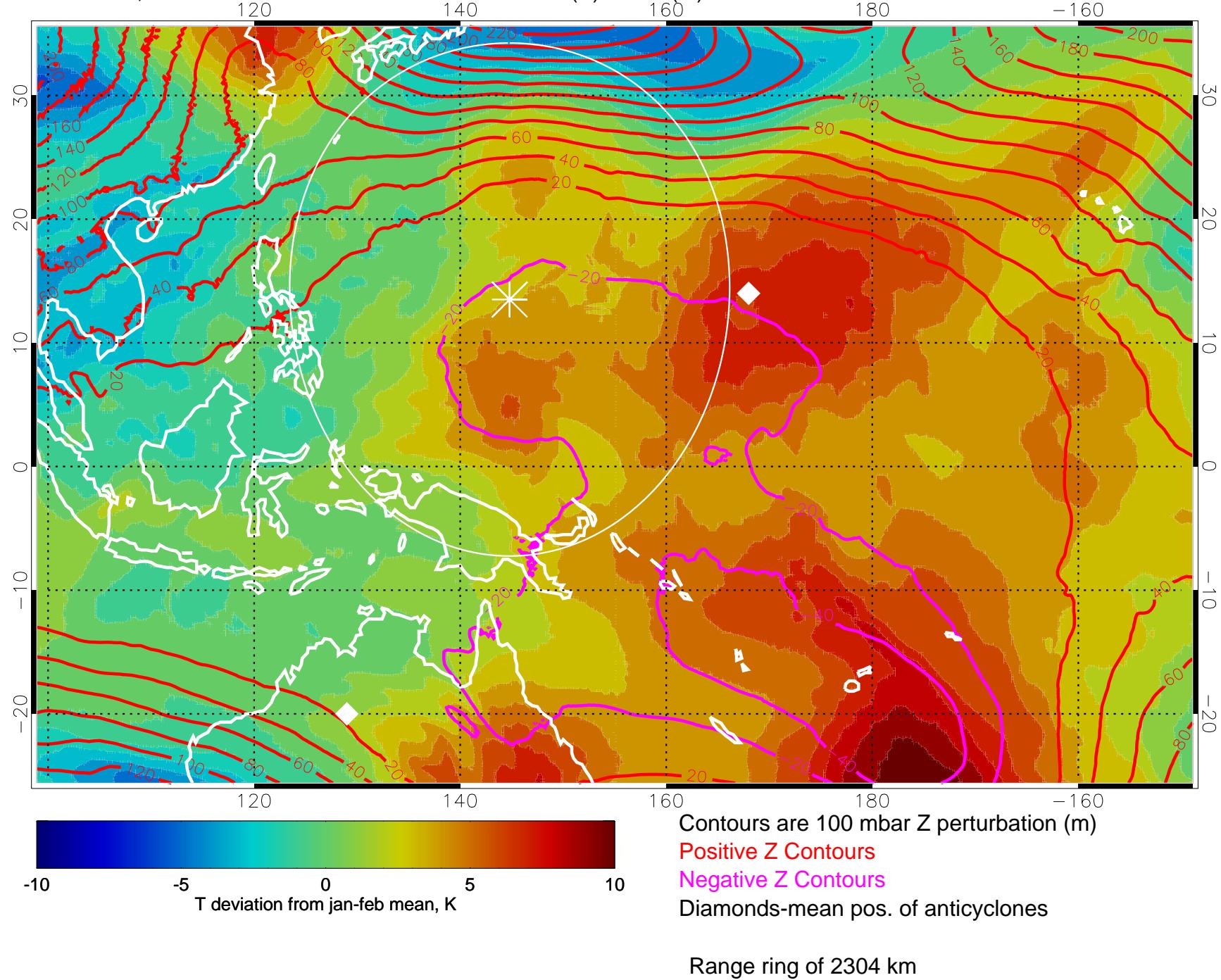
Range ring of 2304 km

16090200, 72 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

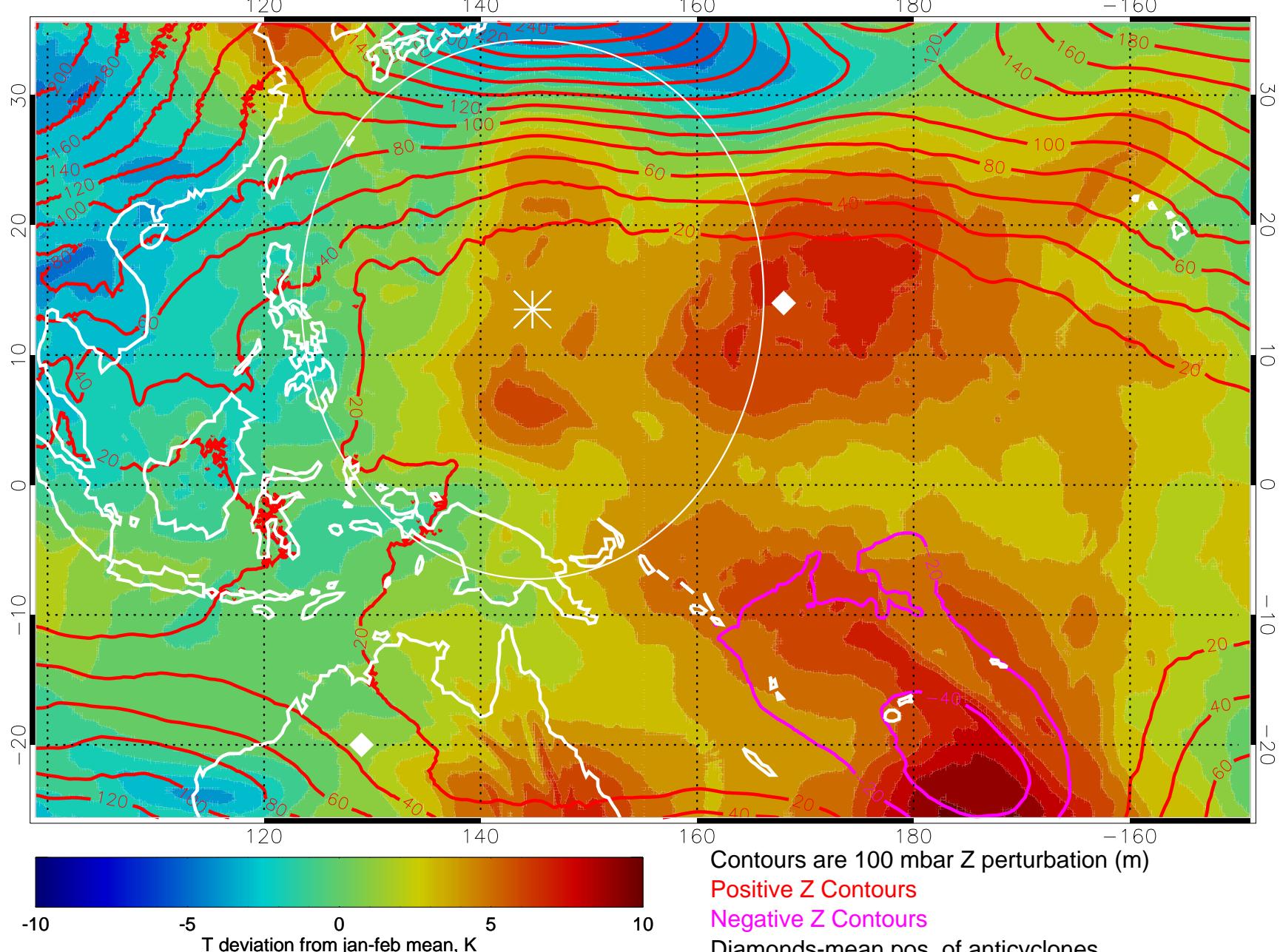


Range ring of 2304 km

16090206, 78 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

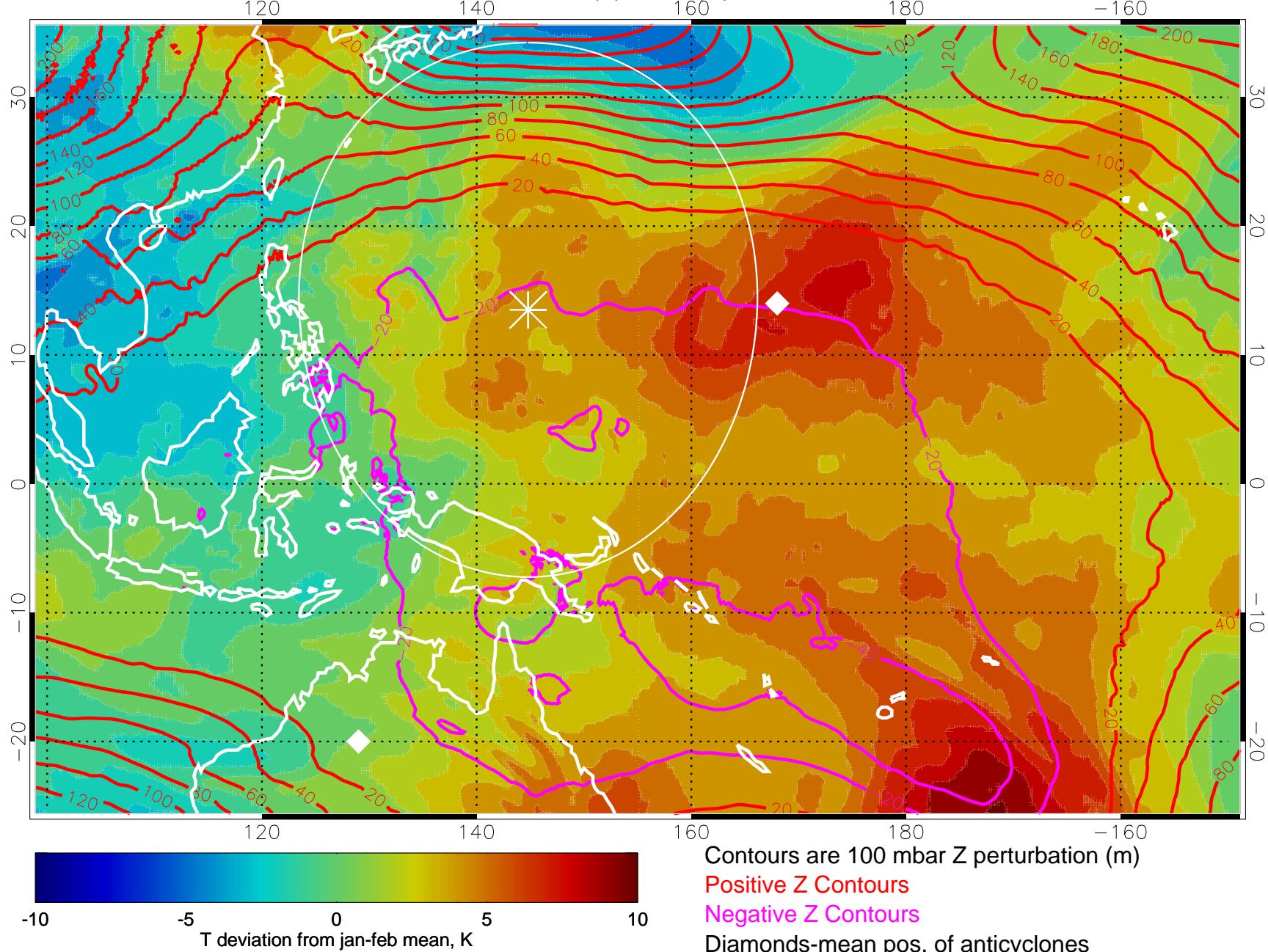


16090212, 84 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



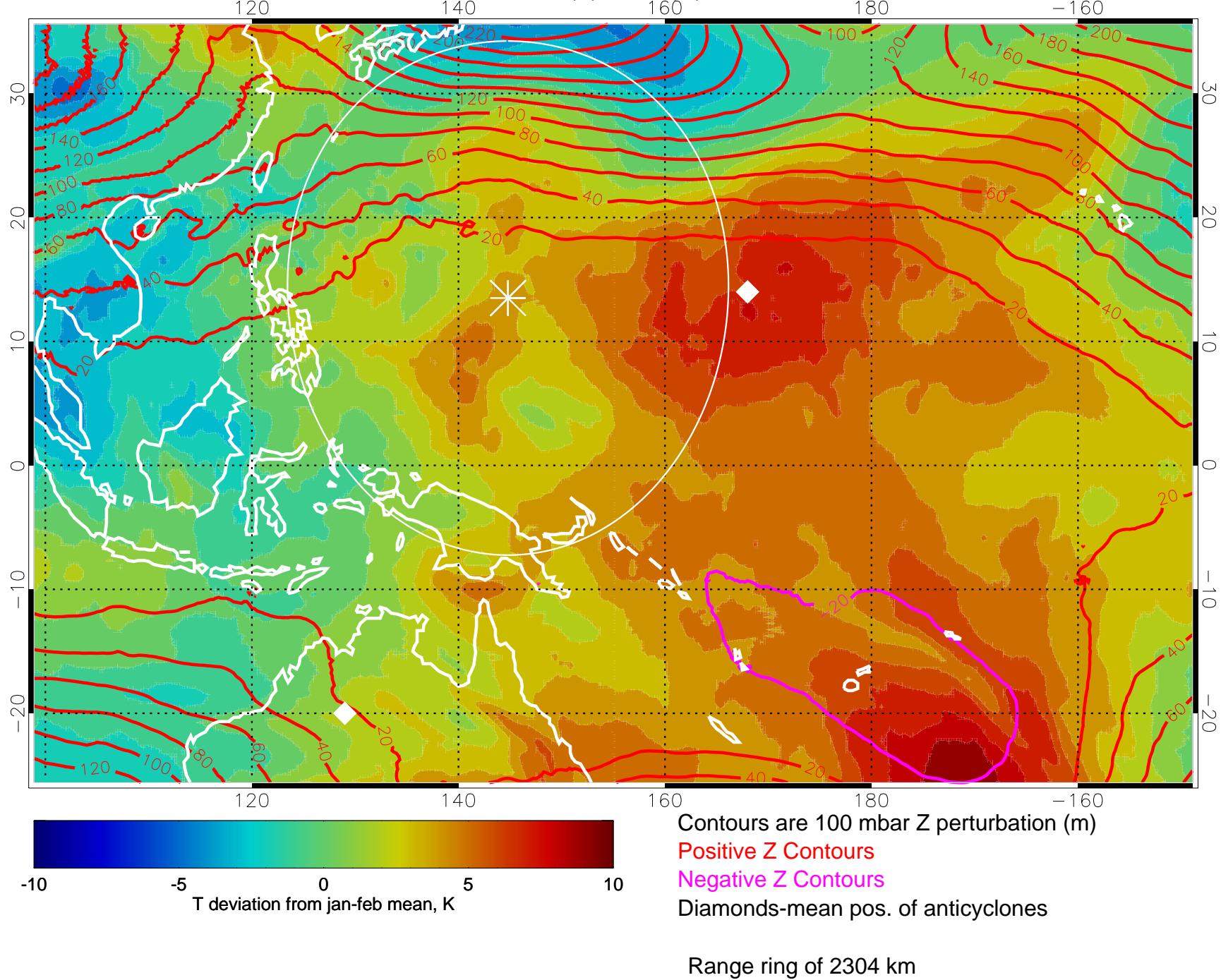
Range ring of 2304 km

16090218, 90 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

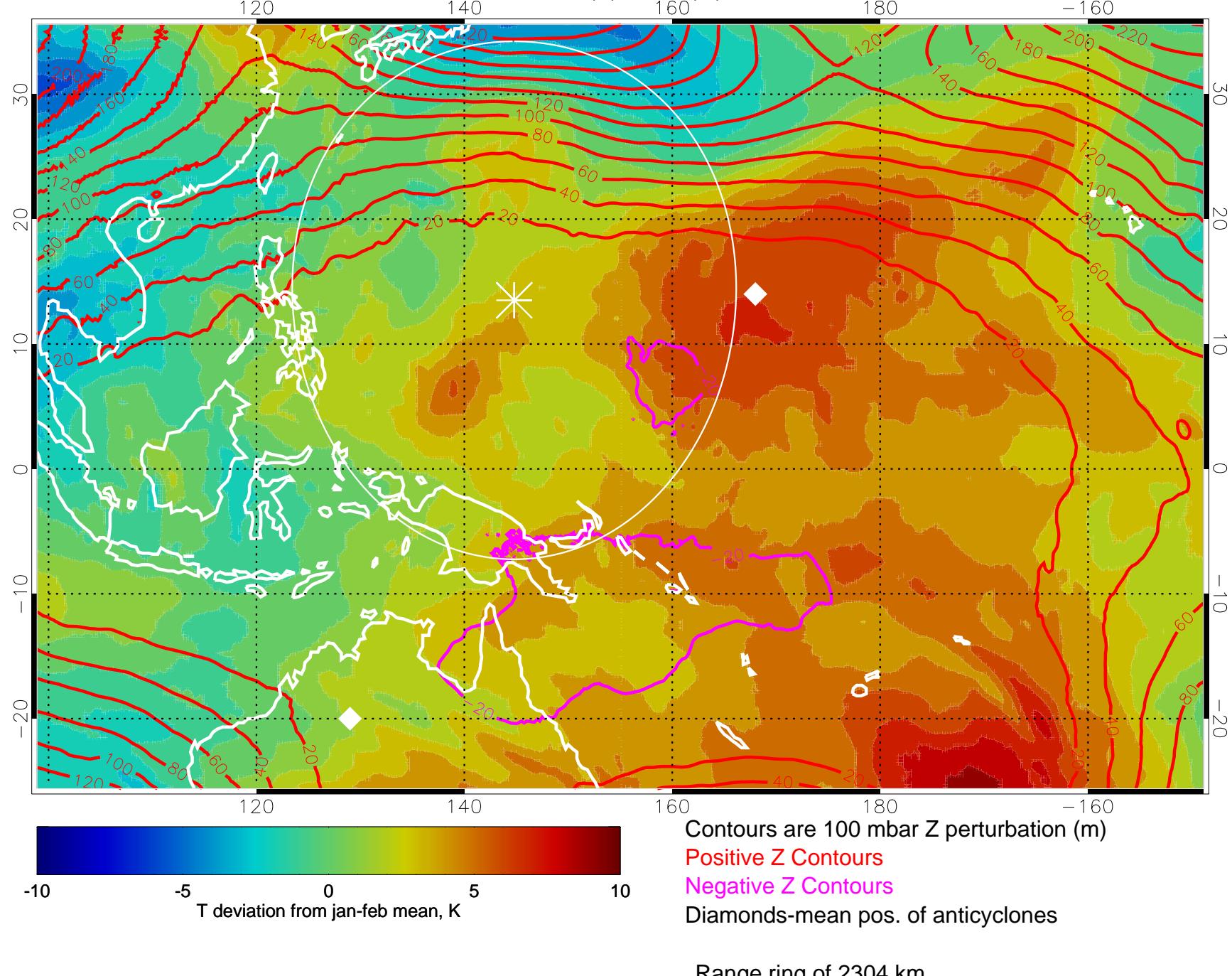


Range ring of 2304 km

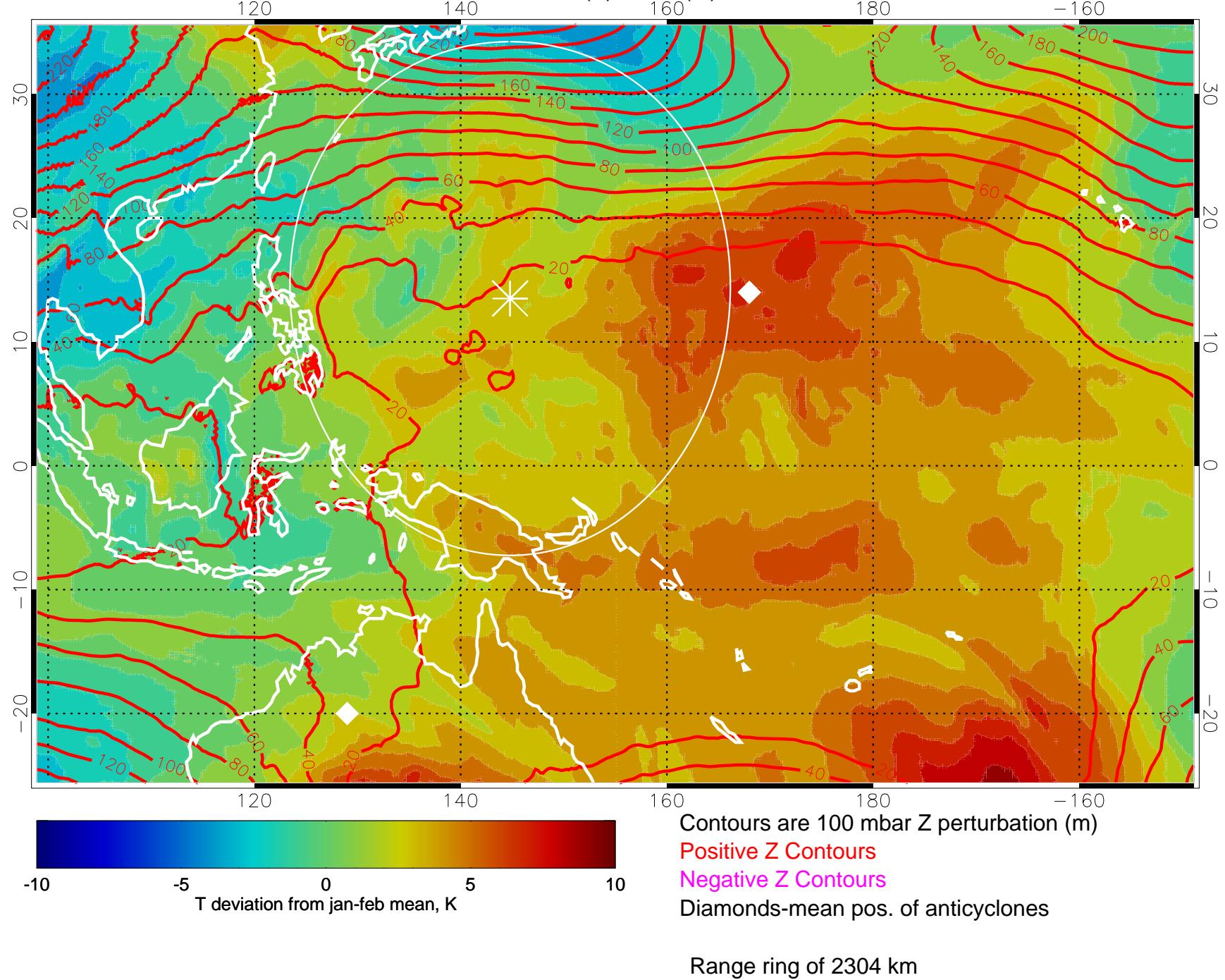
16090300, 96 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



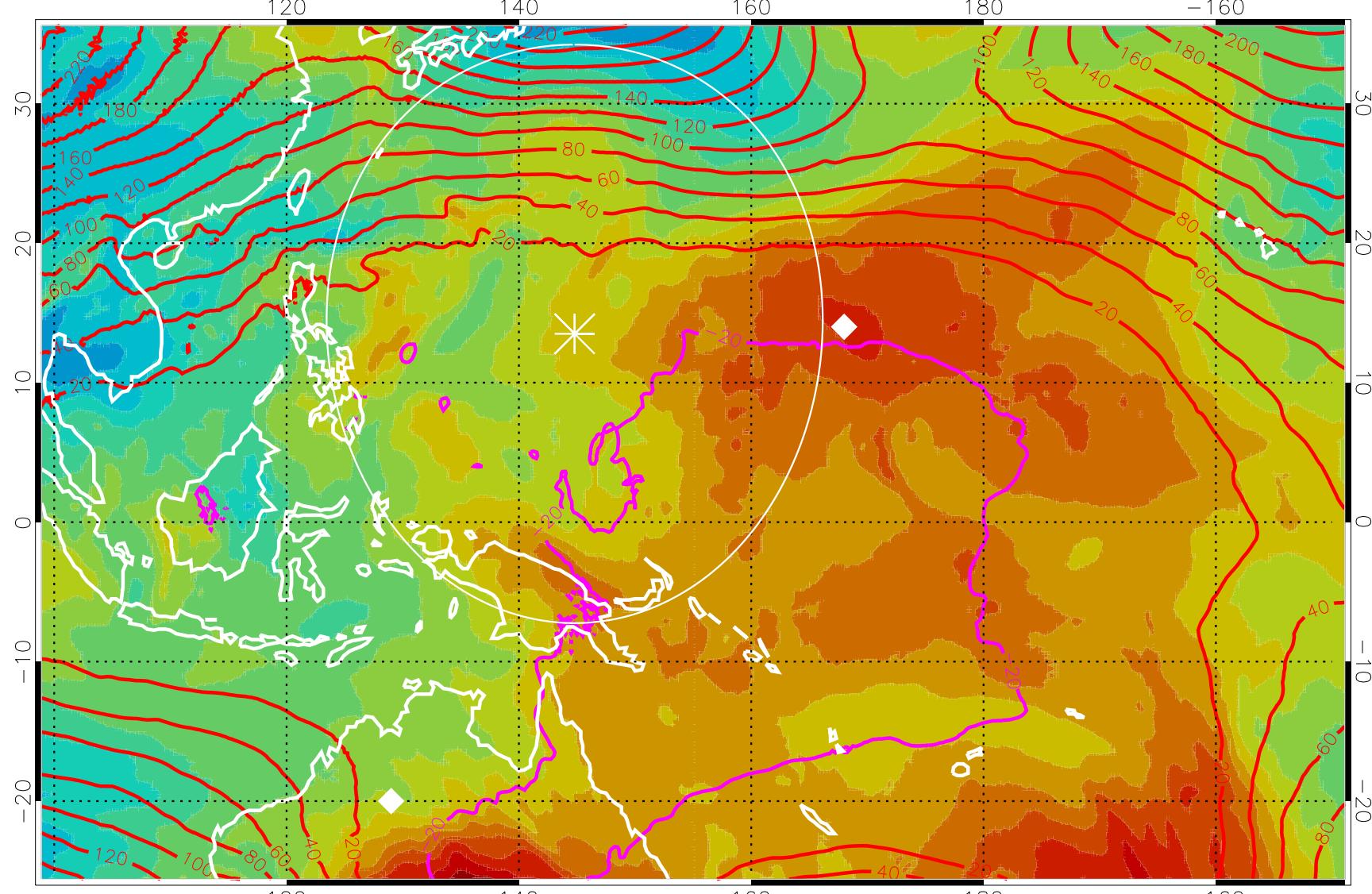
16090306, 102 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



16090312, 108 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



16090318, 114 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)

## Positive Z Contours

## Negative Z Contours

## Diamonds-mean pos. of anticyclones

Range ring of 2304 km

16090400, 120 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

